

FACULTY OF TECHNOLOGY AND ENGINEERING

DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY

AND RESEARCH

DEPARTMENT OF COMPUTER ENGINEERING

A.Y. 2023-24 [EVEN]

LAB MANUAL

CE266: SOFTWARE ENGINEERING

ID: 22DCE001 , 22DCE006 , 22DCE011 ,
22DCE016 , 22DCE017 , 22DCE018 ,
22DCE020

Questions:

1. Which software engineering principles do you find most useful in your work? (Multiple choices allowed) (Agile methodology , Waterfall methodology , Test-driven development (TDD))Others (please specify)
2. How effective do you find the current software engineering practices in ensuring product quality? (Very effective,Effective,Neutral,Ineffective,Very ineffective)
3. Are there any specific software engineering practices you believe should be implemented or improved?
4. How do you prioritize software engineering principles when planning and executing projects?
(Always prioritize , Often prioritize , Sometimes prioritize , Rarely prioritize ,Never prioritize)
5. On a scale of 1 to 10, how effective do you find the software engineering principles you currently use in delivering quality products? (1 being least effective and 10 being most effective)
6. Which software engineering principles have had the most significant impact on improving your team's productivity and efficiency?
7. Are there any software engineering principles you feel are not effectively utilized but could benefit your team's performance?
8. On a scale of 1 to 10, how useful do you find the software engineering documentation in aiding your work? (1 being least useful and 10 being most useful)
9. Which aspects of software engineering documentation do you believe contribute most to project success?
10. Are there specific areas where you feel the current software engineering documentation could be improved for better clarity and understanding?
11. On a scale of 1 to 10, how would you rate the overall effectiveness of software engineering practices and standards in your projects? (1 being least effective and 10 being most effective)
12. Which aspects of CMM/ISO standards do you believe contribute most significantly to improving software quality and project outcomes?

13. What challenges do you face in implementing or adhering to software engineering practices, standards, or CMM/ISO guidelines?
14. Are there specific areas or aspects of CMM/ISO that you believe require improvement or better alignment with organizational goals?
15. How satisfied are you with the current software engineering practices, standards, and compliance measures within your team or organization?
16. Do you have any recommendations or suggestions to enhance the usage, effectiveness, or compliance of software engineering practices, standards, or CMM/ISO within your organization?
17. What is your role in the company?
18. What advantages come with using software?
19. What are the services that software is providing you with?
20. What will be the modern adjustments possible in current software?
21. What are the cutting edge patterns that are to upgraded within the program?
22. What is the cost for upkeep/maintenance of company's computer program?
23. What issues does your present software system need to solve?
24. What are the services that software is aiming provide to customers in future?
25. Evaluating new software program
26. How do you stay up-to-date with the latest trends and technologies in software development?
27. How does Software Engineer helps in the process of analyzing user's requirements?
28. What are the modern trends that are to updated in the software?
29. What is the cost for maintenance of company's software?
30. What are problems your current software system face?
31. Why Software Engineers are required to develop user friendly interface?
32. Different Models for planning the software design

33. How do you handle disagreements or conflicts within a team when working on a project?